

Effect of power density on  
sensitised human RBC in  
PBS/Mg/Glucose

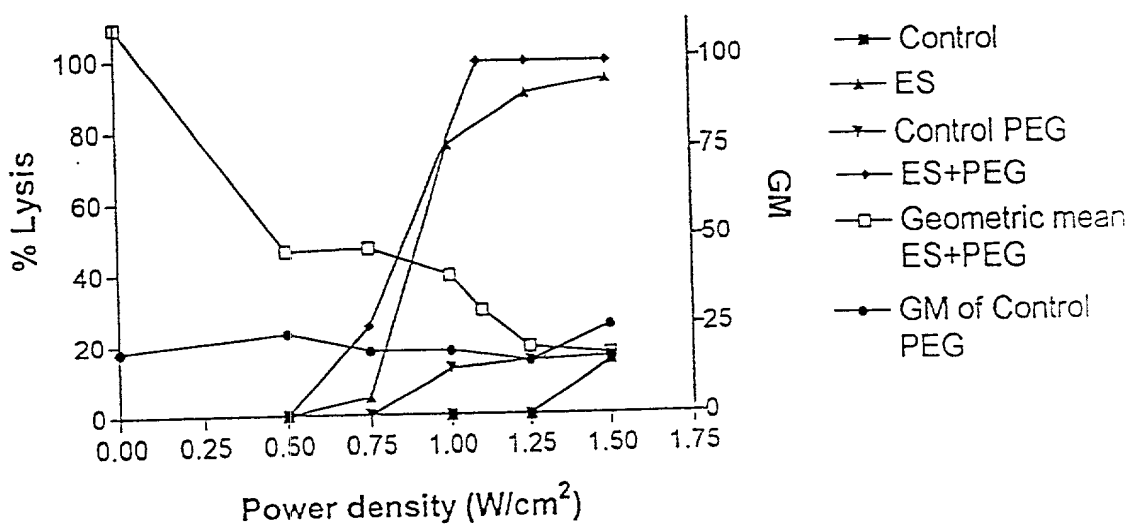


Fig.1

Fig 2A

Effect of power density on  
sensitised human RBC in  
plasma

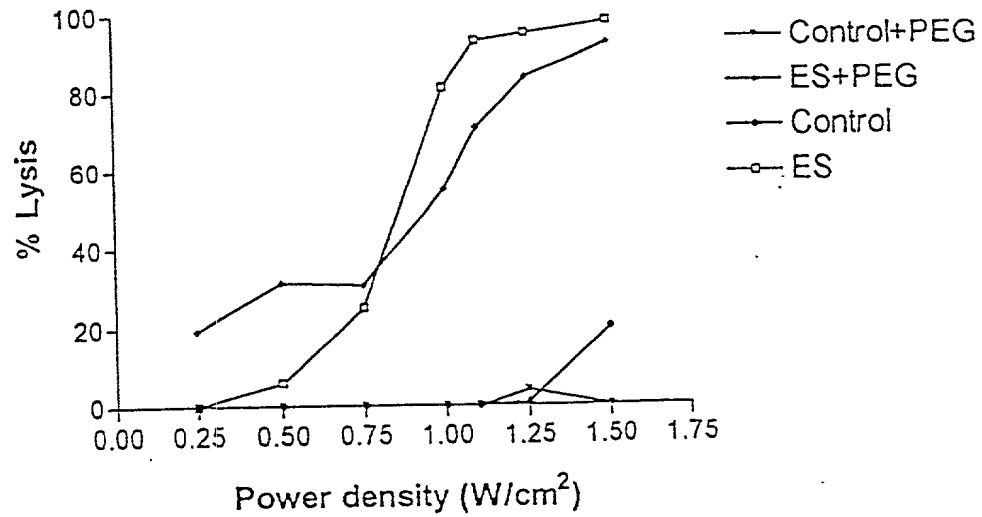
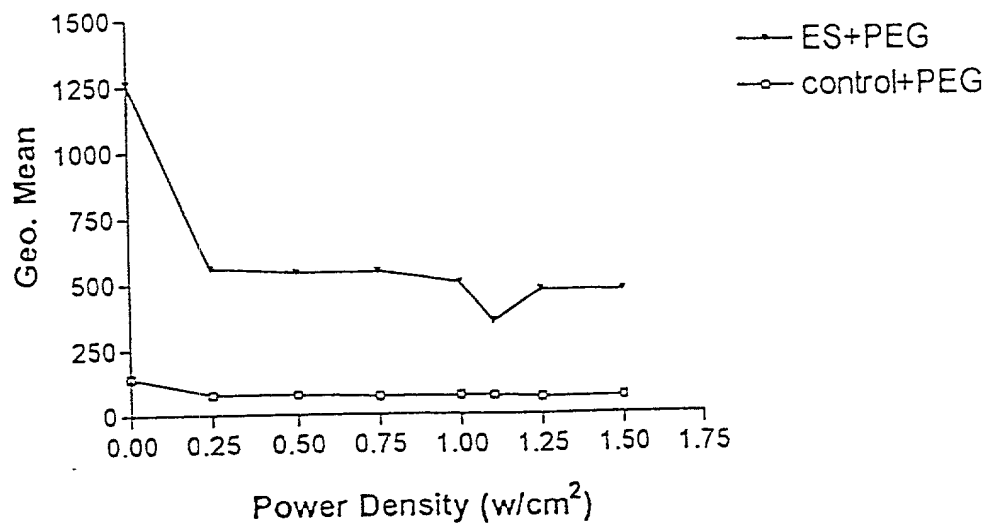


Fig 2B



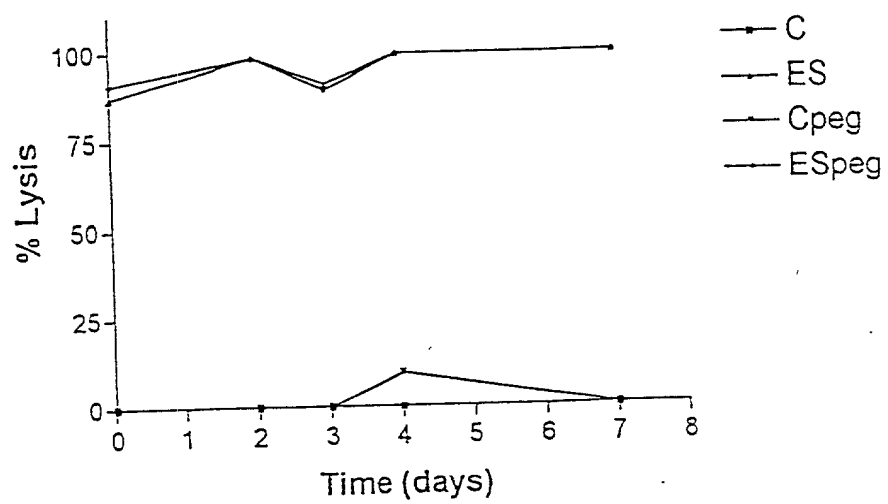


Fig. 3

Ultrasound sensitivity during  
storage at 4°C in plasma

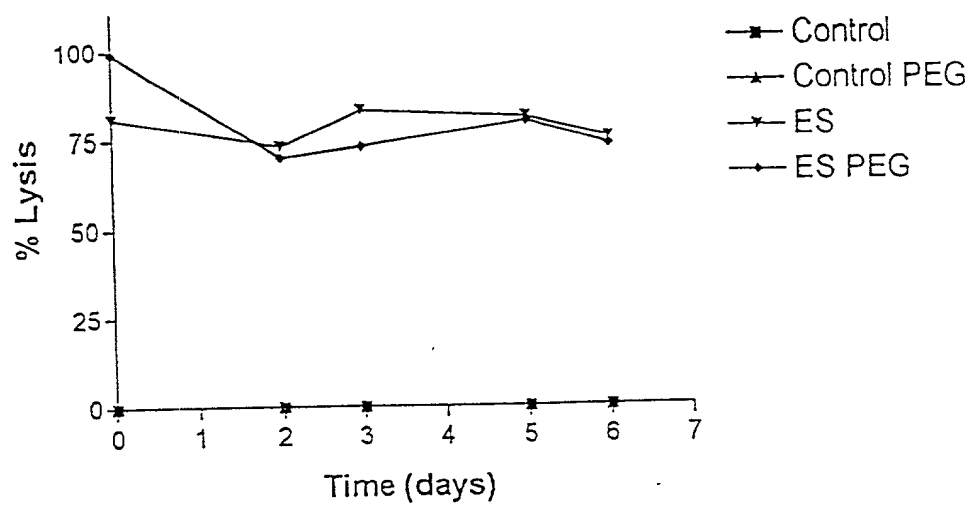


Fig. 4

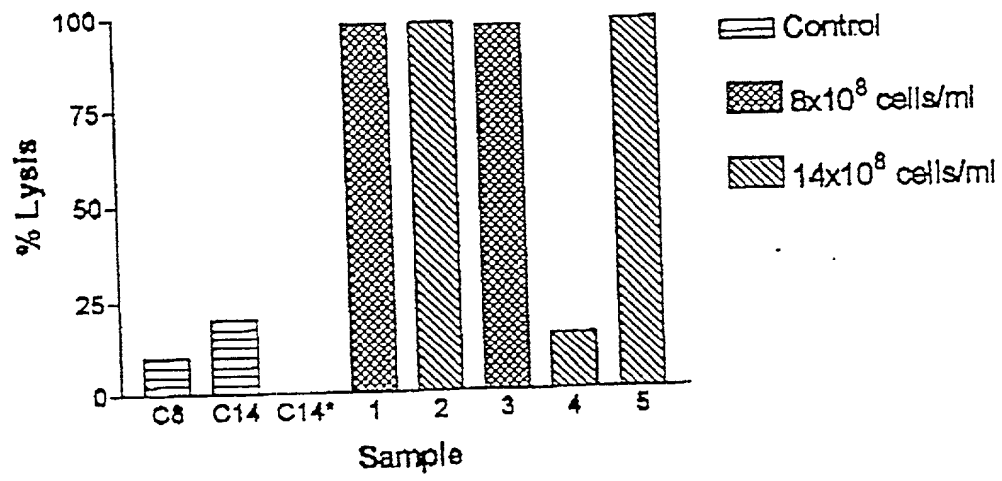


Fig. 5

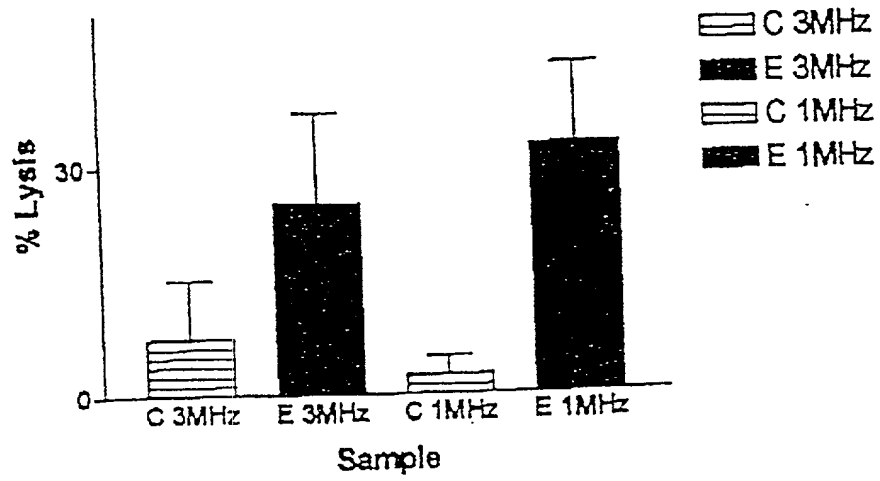


Fig. 6

Fig 7A

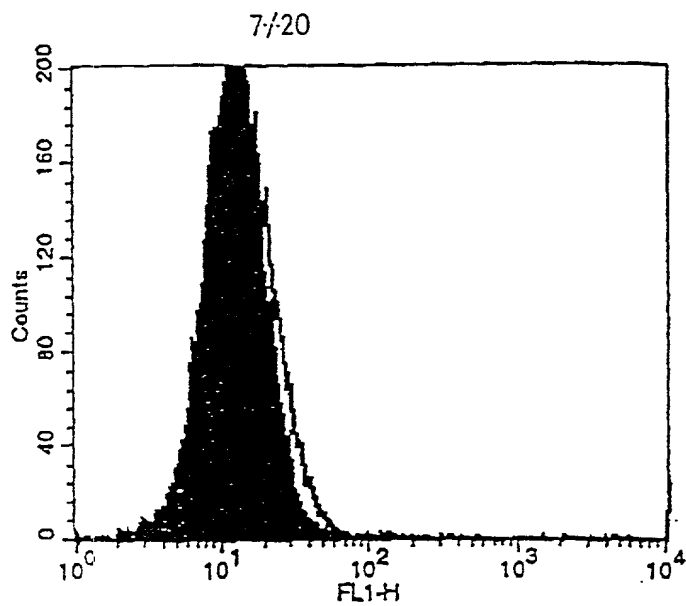


Fig 7B

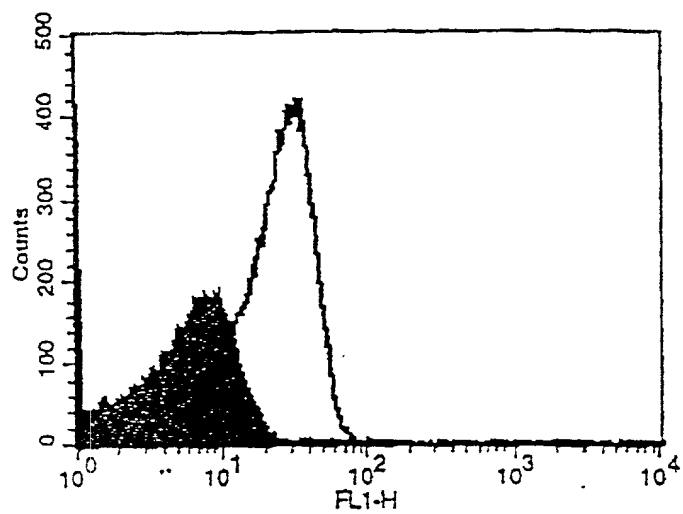
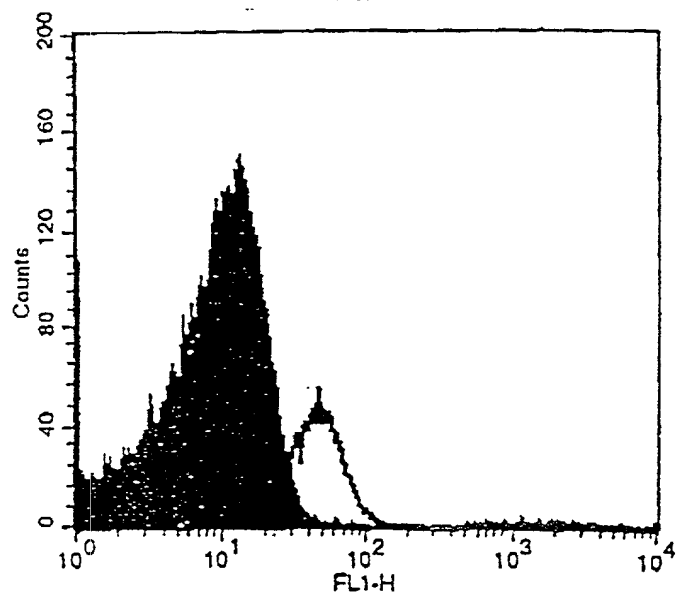


Fig 7C



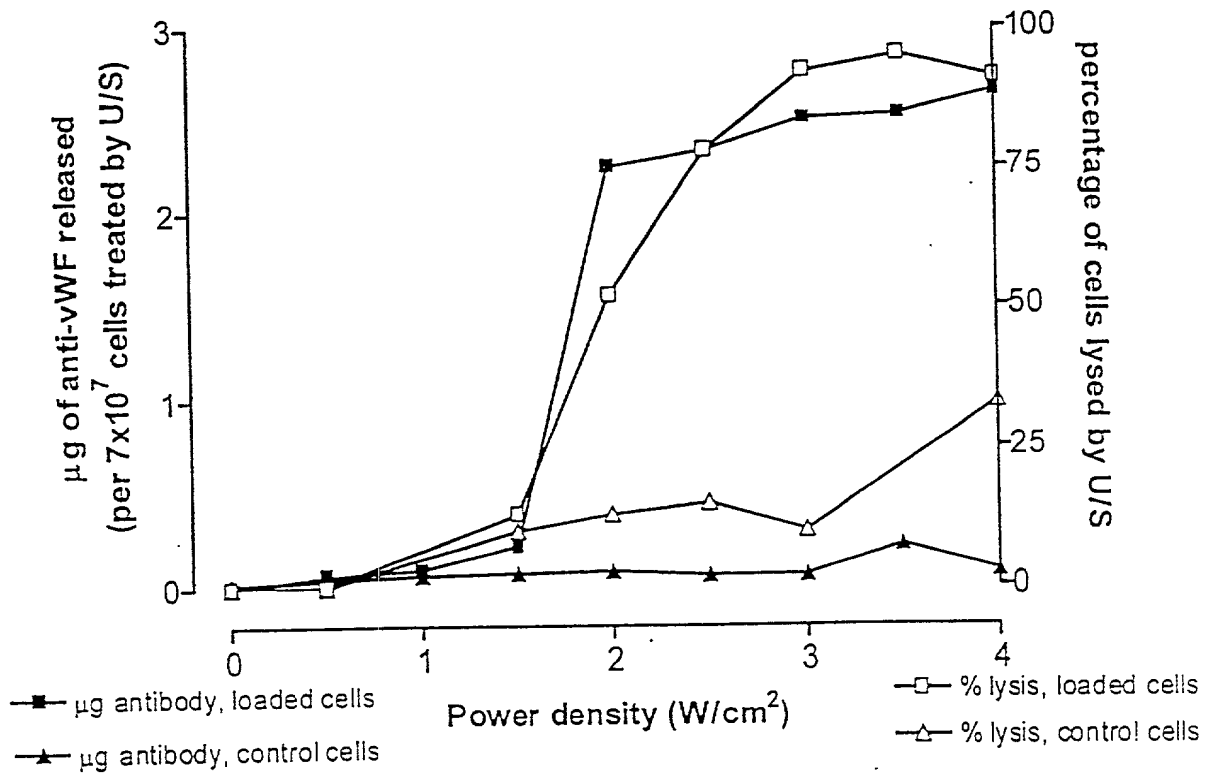


Fig. 9

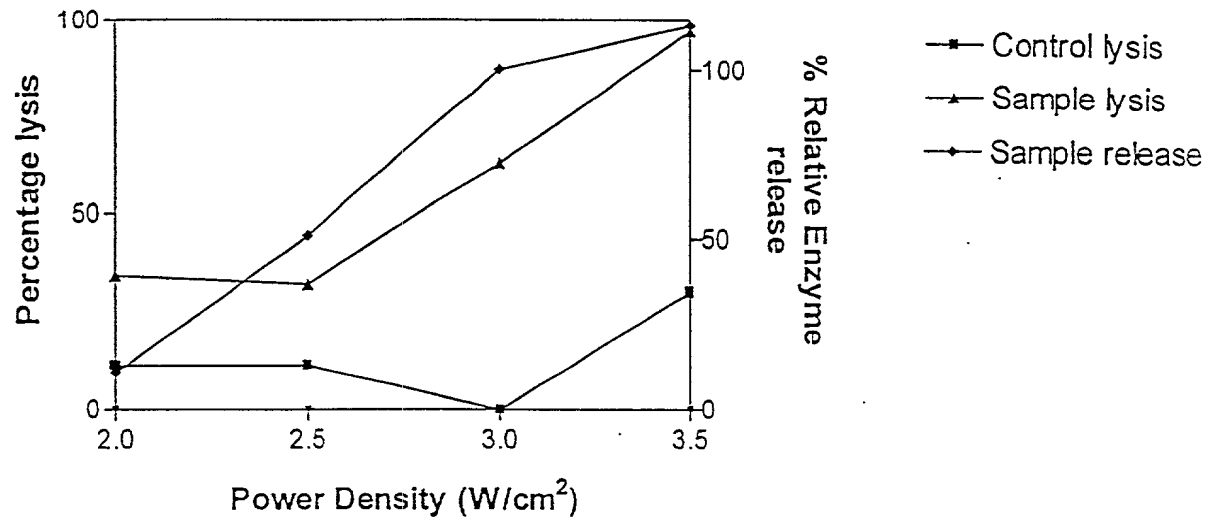


Fig.10

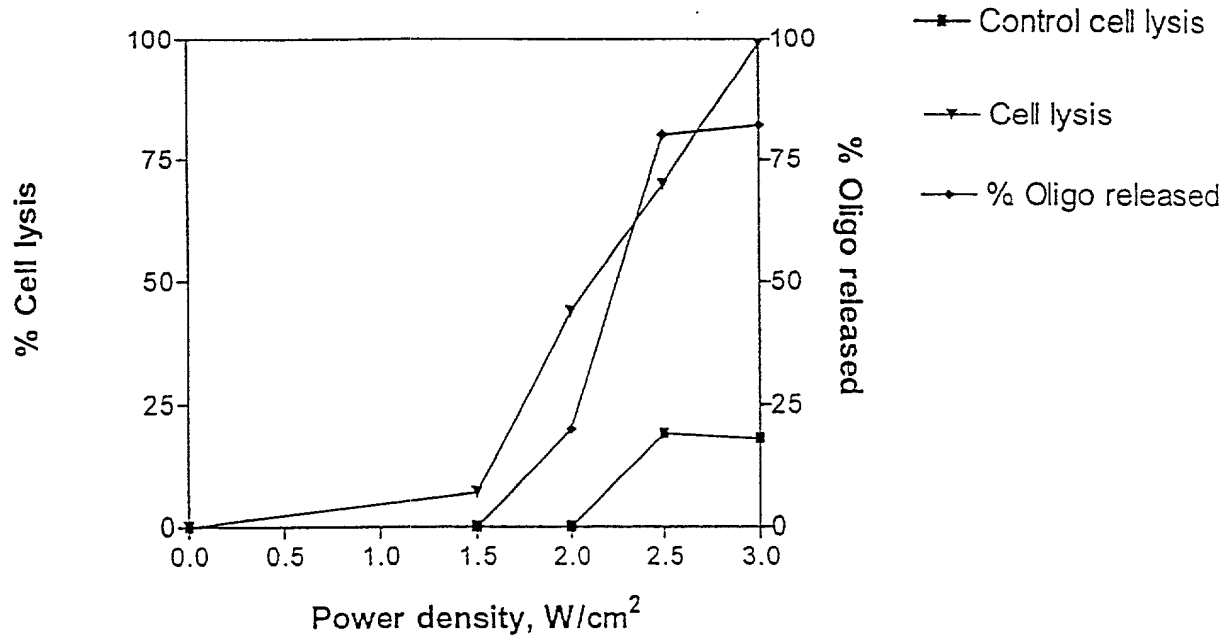


Fig.11

+U/S



-U/S

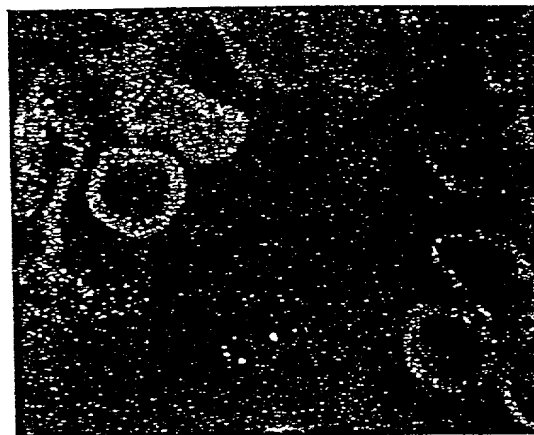


Fig.12

Fig. 13A RbRBC + Electrosensitisation

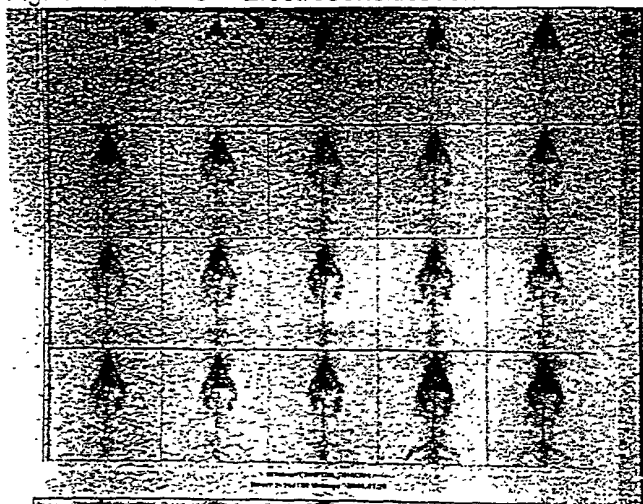


Fig. 13B RbRBC unmodified

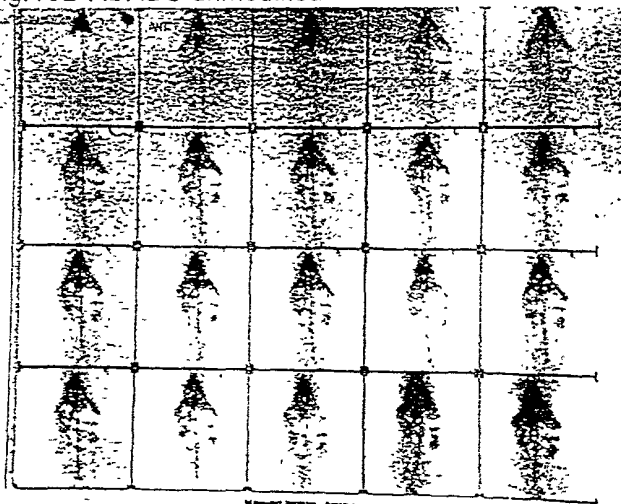
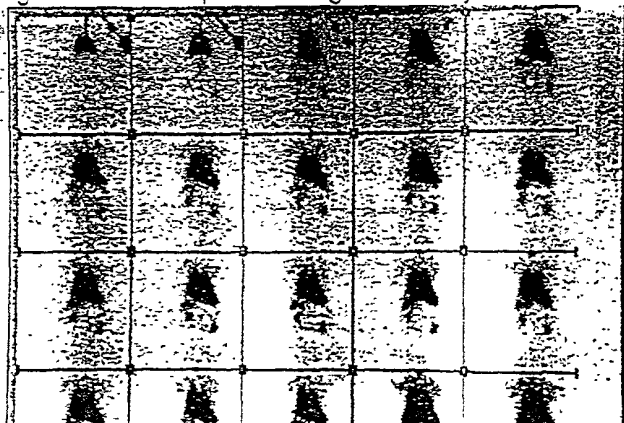


Fig. 13C RbRBC plus 2.5% glutaraldehyde



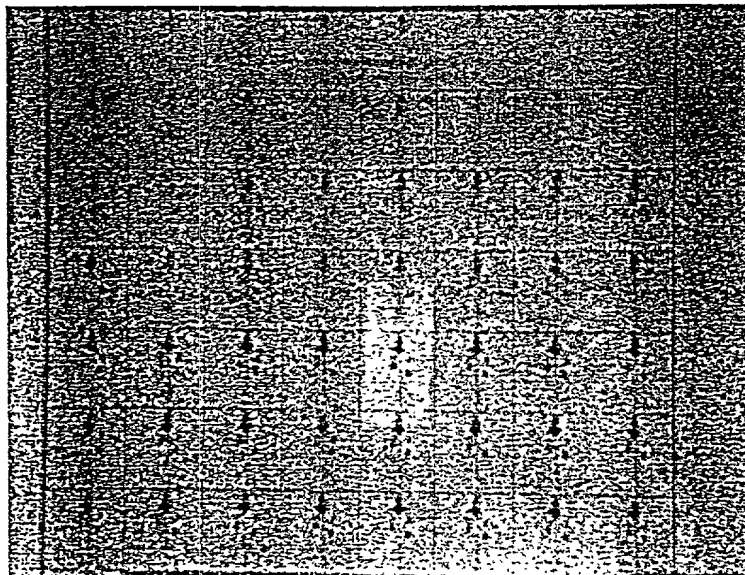


Fig.13D

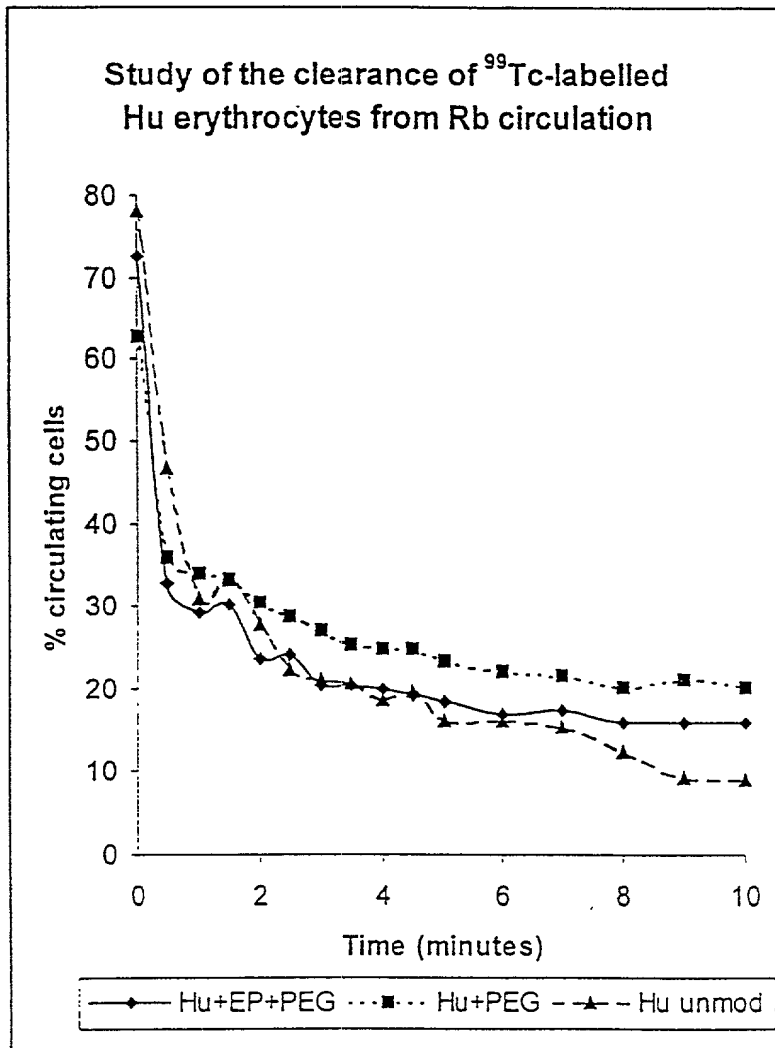


Fig. 14

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# *in vivo* survival of modified erythrocytes in rabbit

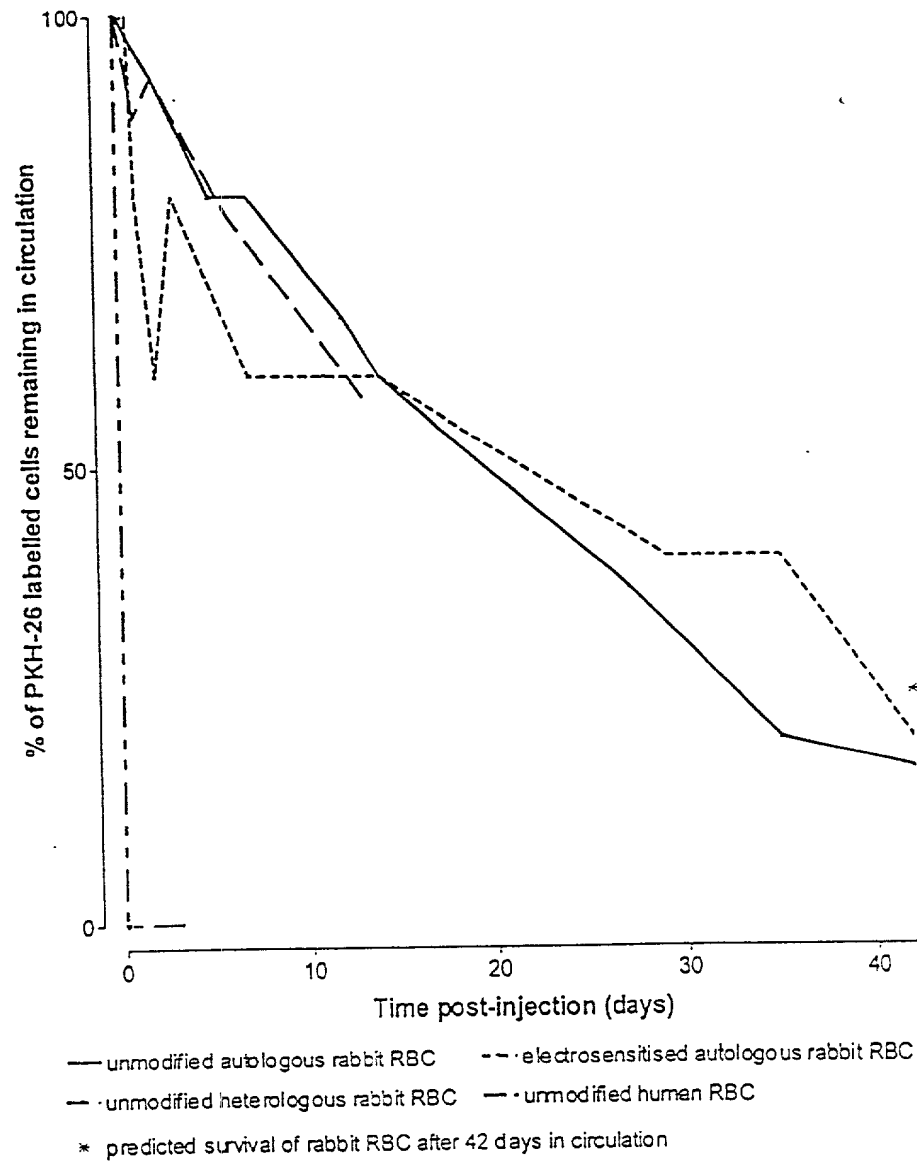


Fig.15

Survival of loaded and  
sensitised rabbit erythrocytes  
in circulation

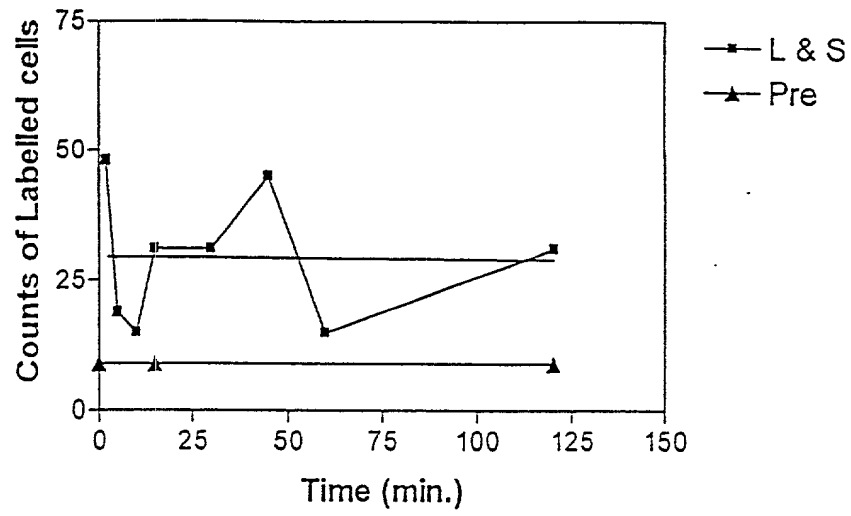


Fig.16

**CIRCULATING PHANTOM**  
Ultrasound-induced antibody  
payload from spiked whole blood  
at 40% haematocrit  
(US - continuous wave, 5W/cm<sup>2</sup>)

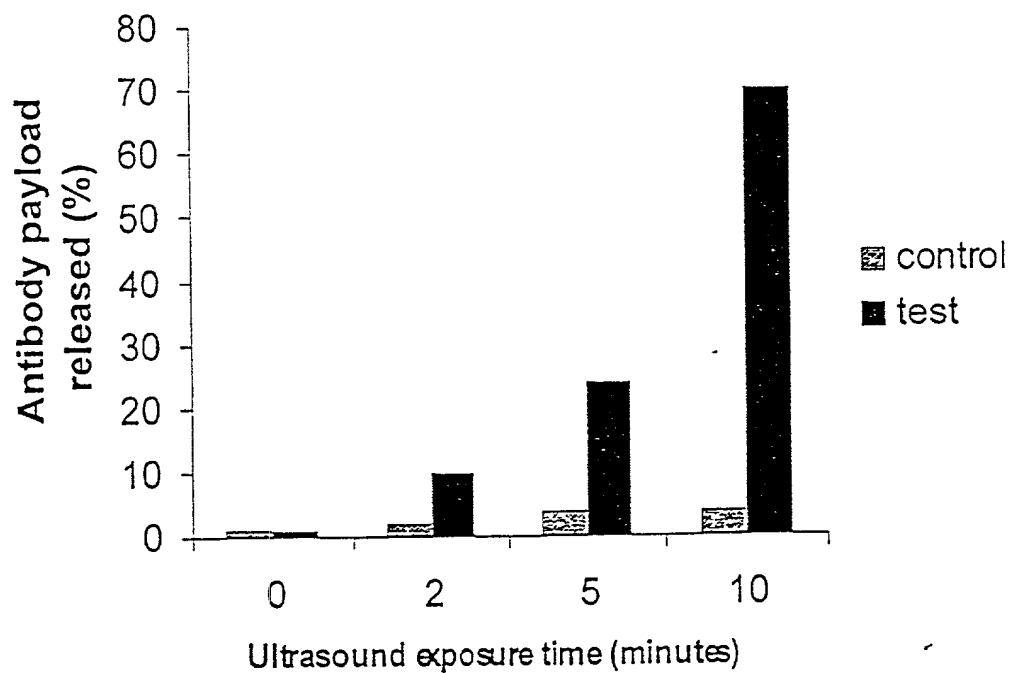


Fig.17

**Clearance of anti-Hu IgG from rabbit  
circulation (n=3) as measured by  
ELISA**

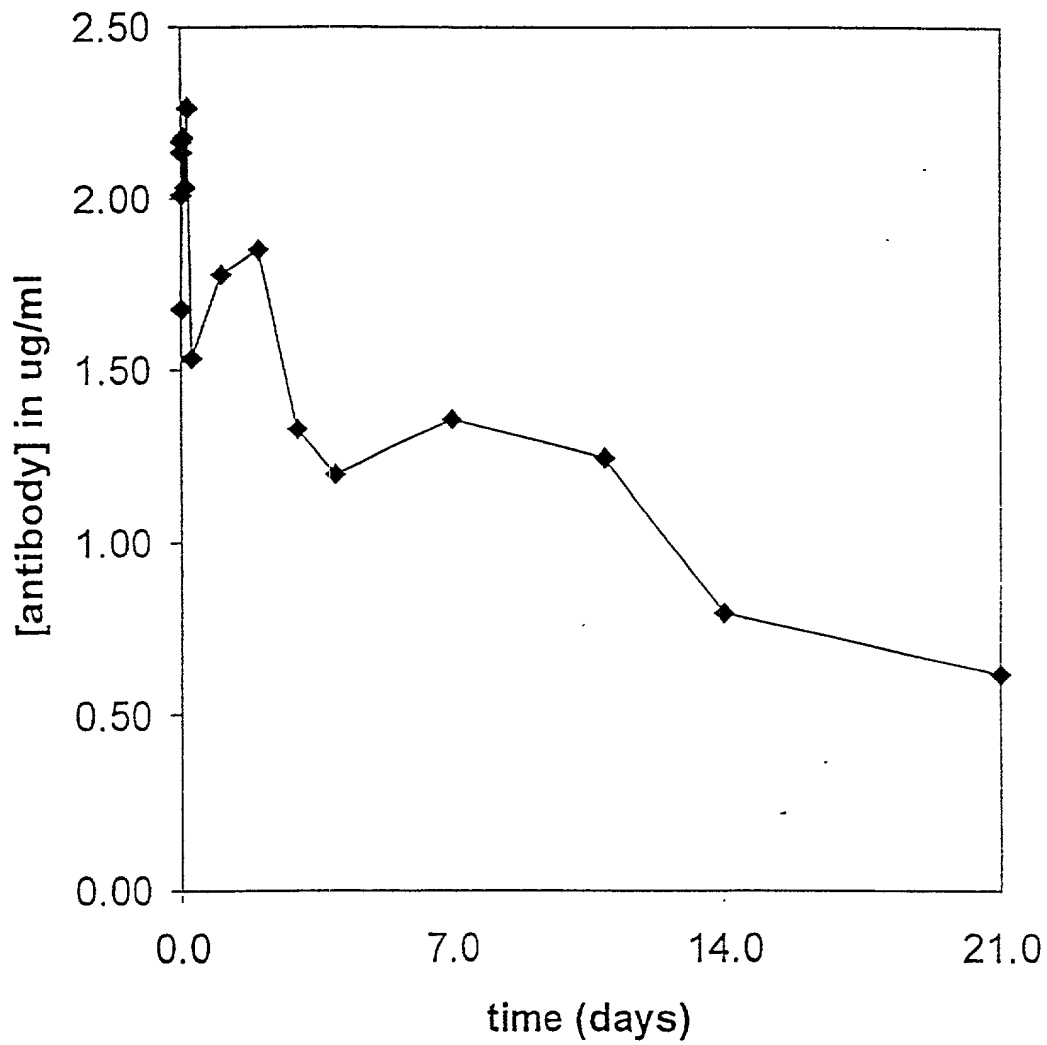


Fig. 18

## Ultrasound-mediated release of antibody payload *in vivo*

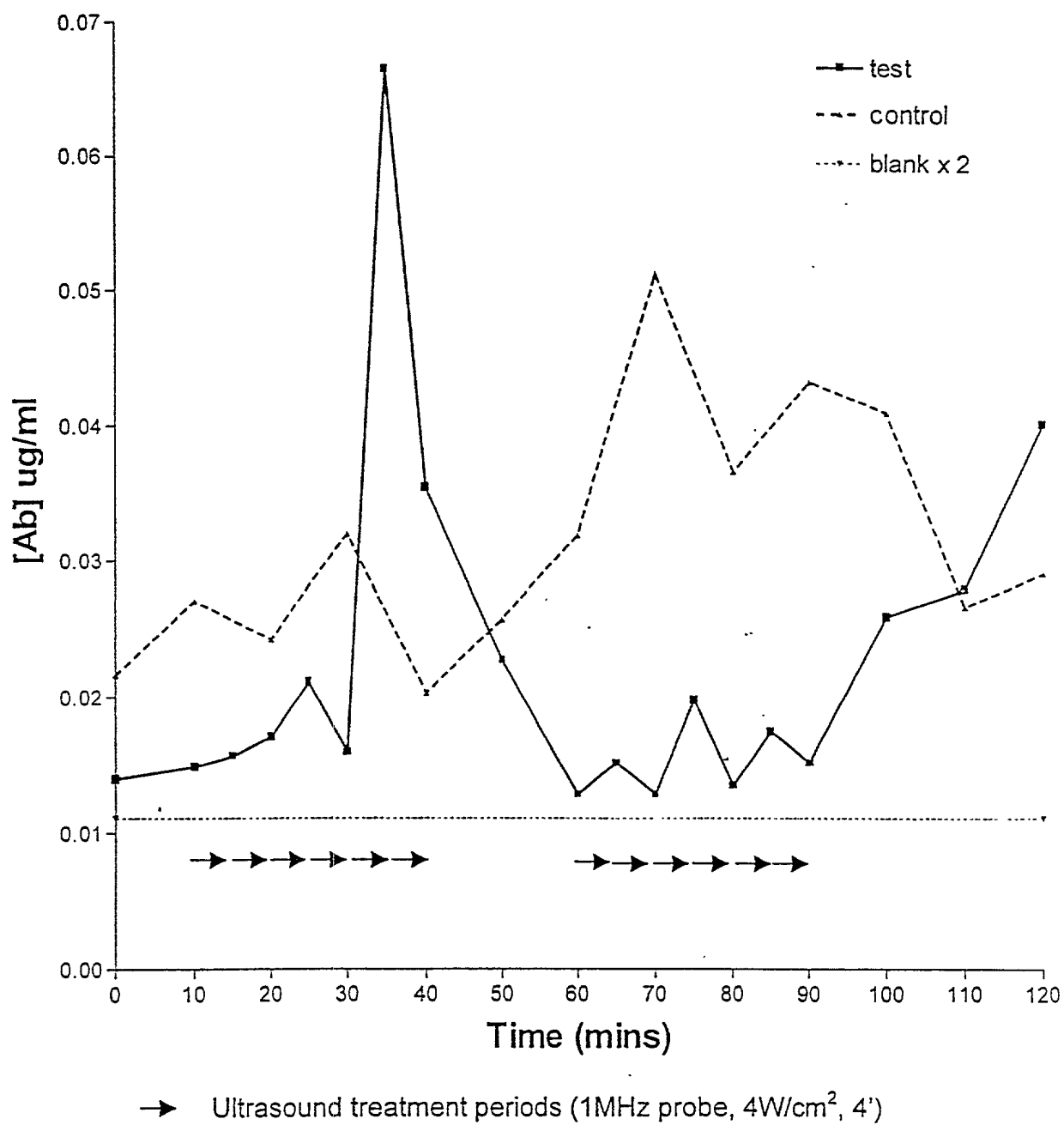


Fig. 19